

Converting Colors

CIELCh(69, 37.670, 23.189)

Have a look what the booklet for
CIELCh(69, 37.670, 23.189) contains.

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Color

CIELCh(69, 37.887, 23.212)

Conversions

Conversions Part 1

Format	Color
Hex	EB8F8F
RGB	235, 143, 143
RGB Percent	92%, 56%, 56%
CMY	0.0780, 0.4388, 0.4388
CMYK	0.00, 0.39, 0.39, 0.08
HSL	0°, 70%, 74%
HSV	0°, 39%, 92%
XYZ	49.1032, 39.3444, 31.0333
YIQ	170.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

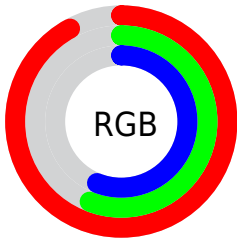
Format	Color
R _Y B	235, 143, 143
Decimal	15437711
CIE Lab	69.00, 34.82, 14.93
CIE LCh	69, 37.887, 23.212
Yxy	39.3444, 0.4110, 0.3293
Android (android.graphics.Color)	4293627791 (0xFFEB8F8F)
YUV	170.5080, -13.5614, 56.5595
Hunter-Lab	62.7251, 29.9664, 14.5738

Details

The CIELCh color **69, 37.887, 23.212** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 28.677, 197.548**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.789, 22.444**, and **49, 37.660, 22.974** is the 20% darker color. If you saturate the color by 10%, you get **64, 49.081, 25.026**, and if you desaturate by 10%, it is **75, 27.210, 21.832**.

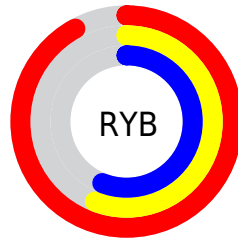
Distribution



Red (92%)

Green (56%)

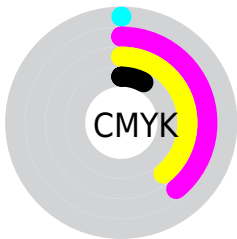
Blue (56%)



Red (92%)

Yellow (56%)

Blue (56%)

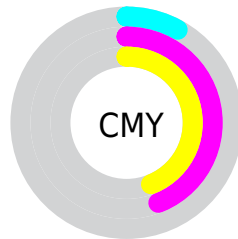


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (8%)



Cyan (8%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.887, 23.212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 37.887, 23.212 by changing the saturation by 10% instead.

69, 37.887, 23.212

69, 37.887, 23.212

100, 37.887,
23.212

59, 37.887, 23.212

89, 37.887, 23.212

49, 37.887, 23.212

99, 37.887, 23.212

39, 37.887, 23.212

29, 37.887, 23.212

19, 37.887, 23.212

9, 37.887, 23.212

0, 37.887, 23.212

69, 37.887, 23.212

69, 37.887, 23.212

64, 49.081, 25.026

75, 27.210, 21.832

■ 59, 60.550, 27.376

■ 81, 17.196, 20.767

■ 55, 71.928, 30.340

■ 87, 7.891, 19.917

■ 52, 82.697, 33.830

■ 94, 0.716, 200.240

■ 50, 91.895, 37.331

■ 99, 6.812, 199.071

■ 49, 97.876, 39.803

■ 49, 98.344, 40.001

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 37.887, 23.212



88, 28.677, 197.548

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 37.887, 23.212



69, 37.887, 73.212



69, 37.887, 203.212



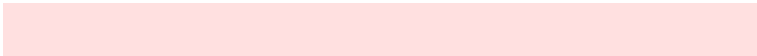
69, 37.887, 253.212

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 37.885, 23.216



92, 11.199, 20.151



72, 58.051, 326.543



48, 7.467, 20.259



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 37.885, 23.216



70, 49.862, 24.639



80, 31.296, 70.508



46, 4.904, 19.943



38, 80.846, 39.987



7, 28.534, 22.719

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88, 28.677, 197.548



93, 35.327, 197.258



75, 27.974, 262.169



48, 4.619, 198.975



67, 38.748, 196.399



19, 16.593, 196.397

Previews

White Background



This preview shows how the CIELCh color 69, 37.887, 23.212 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 37.887, 23.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 37.887, 23.212

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.887, 23.212.

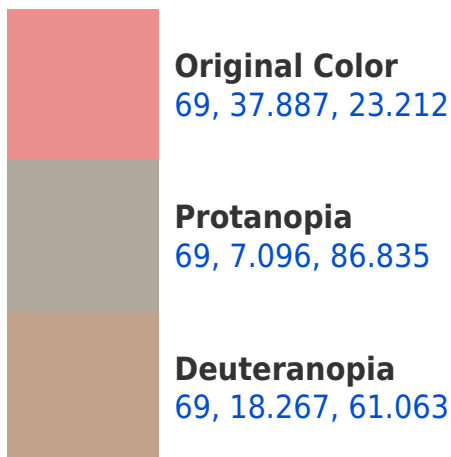


This preview shows how white text looks on a background with the CIELCh color 69, 37.887, 23.212.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
69, 38.110, 15.341

Trichromacy



Original Color
69, 37.887, 23.212

Protanomaly
69, 15.951, 36.490

Deuteranomaly
69, 24.172, 39.550

Tritanomaly
69, 38.220, 17.763

Monochromacy



Original Color
69, 37.887, 23.212

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.958, 20.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.887, 23.212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 143, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 143, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.887, 23.212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 143, 143) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 143, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 143,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.887, 23.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 143, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
143, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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